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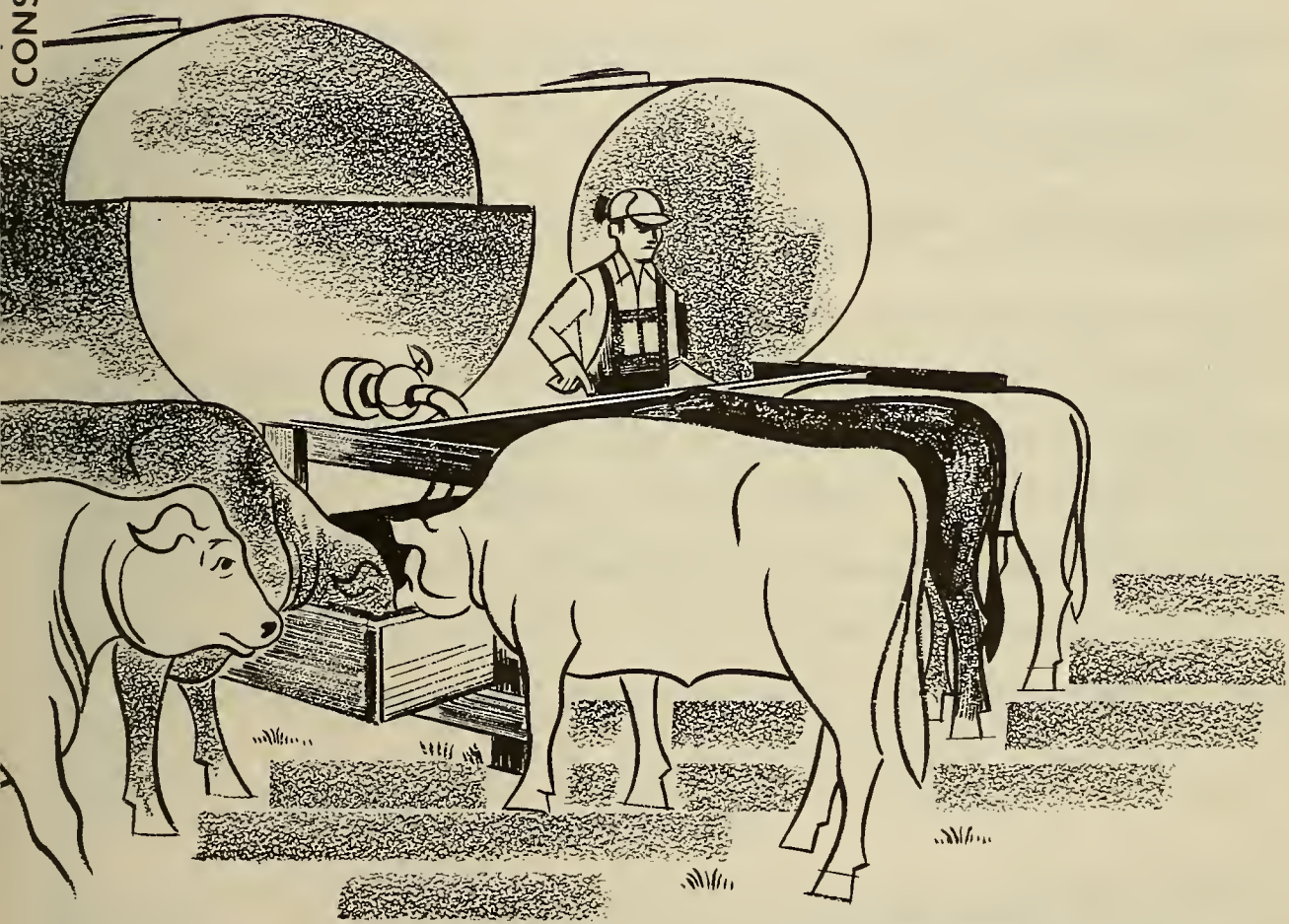
Molasses MARKET NEWS



ANNUAL SUMMARY 1964

C&MS-2 (1964)
(formerly AMS-79)

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Grain Division
Consumer and Marketing Service

March 1965

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HIGHLIGHTS OF 1964

Feed and industrial molasses prices dropped sharply in 1964. Cane molasses showed the biggest drop. With the lower molasses market, the relationship between molasses and corn prices favored molasses for the first time in four years. Almost 635 million gallons of molasses -- the third largest supply on record -- were available for feed and industrial use in the United States. More than half of the supply came from a record domestic production of cane, beet, and hydrol molasses. The United States imported a little less molasses from foreign countries than it did in 1963. U. S. exports, while relatively small and mainly from Puerto Rico, increased slightly. Feed and industrial use of molasses continued to show a small but steady gain and was the second largest on record.

PRICES

Cane Molasses

Prices of cane molasses dropped around 6 to 13 cents per gallon during 1964. Losses were sharpest in the New Orleans, Southeast, and Midwest areas where prices went down 10 cents or more. Declines ranged from $6\frac{1}{2}$ to about $8\frac{1}{2}$ cents in Northeast, Texas Gulf ports, and West Coast markets. Large supplies were the main price-depressing influences. The year's closing prices at many markets stood at or near their lowest points in about four and a half years. In fact, the year's low price at New Orleans -- 8 cents per gallon -- was the lowest molasses had sold there in nearly 14 years.

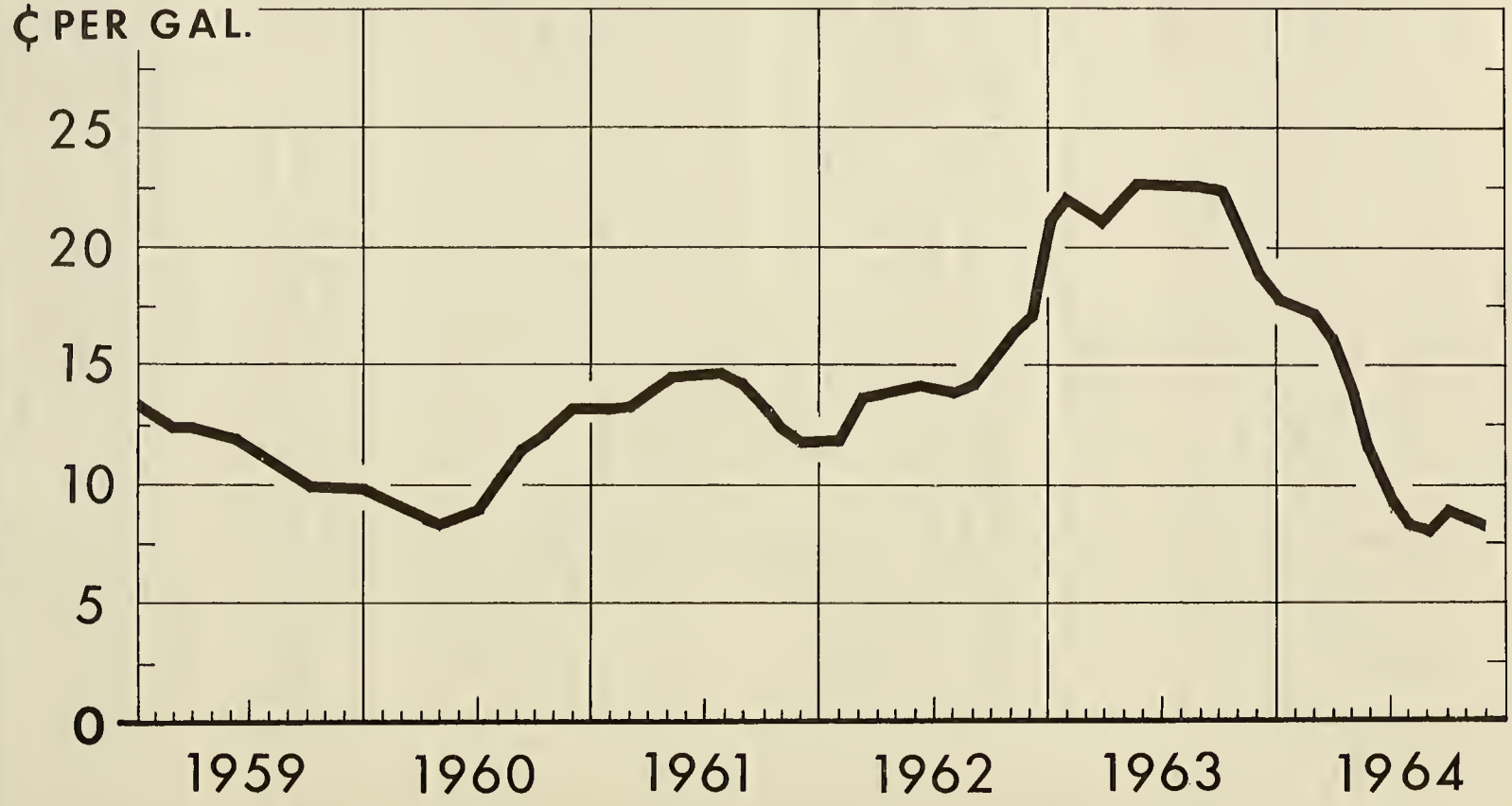
Cane molasses prices declined steadily at all markets during the first eight months of the year. Several factors contributed to this trend. The shortage of storage facilities in producing areas forced many sellers to make price concessions in order to move the large supply of molasses. At the same time, offerings of molasses to cattle feeders and the mixed feed industry met stiffer competition from other feedstuffs. Cattle prices were low, the weather was relatively mild, pasturage in most parts of the country was ample and supplies of feed grains were plentiful. Also, the purchasing of offshore molasses at a price based on the quotation at a specified Gulf market or a combination of markets at the time of delivery had an unsettling and weakening influence on the molasses market in general.

Prices followed two distinctly different trends by areas during the final four months of 1964. They held steady in Texas Gulf ports, Northeast, and West Coast markets. Elsewhere, however, prices declined further in September, strengthened a little in October, and then started downward again in November and December under pressure from the new crop.

One unusual development in the molasses market during 1964 was the upsetting of the normal price relationship which had existed previously between the New Orleans market and the Texas Gulf ports and Northeast markets. Prior to 1964 prices at Texas Gulf ports and Northeast markets closely followed the trend set by the New Orleans market. This was not the case in 1964, however. Price trends at Texas Gulf ports and Northeast markets were dominated more by supply and demand factors than by the New Orleans price trend. Both the Texas Gulf

MOLASSES PRICES

F.O.B. Tank Car, New Orleans



U. S. DEPARTMENT OF AGRICULTURE NEG. C&MS 18-65 (3) CONSUMER AND MARKETING SERVICE

FIGURE 1

ports and Northeast areas enjoyed a comparatively good demand for molasses. This was particularly true in the drouth-ridden Northeast. Imported molasses -- the major source of molasses for both areas -- brought higher prices than domestic molasses throughout the year as world competition for supplies supported prices of foreign molasses. As a result of these factors and selling on a contract basis, price declines in the Texas Gulf ports and Northeast were not as great as the drop at New Orleans where prices were under selling pressure all year from large stocks of locally-produced molasses.

Beet Molasses

Prices of beet molasses also dropped sharply in the three principal market areas during 1964. At the close of the year, beet molasses prices had lost $8.00 per ton in the Oregon-Utah-Idaho-Missoula, Montana area, $12.00 in the Colorado-Wyoming-Montana area, and $13.00 in the Denver area. Major weakening influences were lower cane molasses prices and a continued large supply of beet molasses.

Prices held steady during the first two months of 1964 and were on a par with the previous year's closing levels. The market dropped $2.00 to $4.00 per ton in March. It held steady during April, weakened gradually through July, broke sharply in August, and then held steady again for the balance of the year.

Citrus Molasses

Citrus molasses prices fluctuated within a narrow range during the first half of 1964. The market turned upward in July and August as supplies were all but exhausted. Prices were largely nominal the next three months but dropped about $8.50 per ton when new-crop supplies came on the market in December. At the close of the year, prices stood around $5.00 to $10.00 per ton below a year earlier.

Demand for citrus molasses was good throughout the year, particularly from alcohol distillers. Supplies, however, were limited. Citrus molasses production in Florida was the lightest it had been in recent years. This was due to the smaller citrus crop following freezes of the two previous years. With a good percentage of their small supply contracted to alcohol distillers, citrus processors had little difficulty disposing of remaining stocks at relatively good prices. While cane molasses provided some competition in the mixed feed trade, citrus molasses producers enjoyed the option of adding any surplus molasses back to dried citrus pulp which was in good demand and selling at fairly high prices. If the price of pulp went down, they could sell the molasses as molasses.

Corn (Hydrol) Molasses

Prices of corn molasses declined steadily throughout the year, paralleling the trend in cane molasses markets. By the end of 1964, corn molasses prices were $16.00 to $17.00 per ton below the previous year's close. Despite the downturn, the high cost of corn molasses in relation to other molasses resulted in less and less corn molasses being used in the feed trade. Most sales of corn molasses were made to various manufacturing outlets, particularly the pharmaceutical industry.

Table 1.--Molasses, blackstrap: Prices by months, f.o.b. tank car, 1960-64

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
						--Cents per gallon--							
						New Orleans							
1960	9.88	9.47	9.00	8.60	8.45	8.50	8.90	10.23	11.12	11.75	12.62	13.00	10.13
1961	13.10	13.04	13.06	13.75	14.40	14.50	14.50	14.44	14.06	13.28	12.44	12.13	13.56
1962	12.13	12.44	13.38	13.69	13.95	14.00	13.90	13.88	14.00	14.90	16.19	16.83	14.11
1963	20.70	21.81	21.43	21.29	22.12	22.50	22.50	22.50	22.50	22.22	20.25	18.53	21.53
1964	17.75	17.53	17.06	15.87	13.63	11.35	9.41	8.31	8.15	8.69	8.63	8.35	12.06
						Houston-Beaumont							
1960	9.49	10.06	10.06	10.06	9.49	9.49	9.49	10.87	11.53	12.30	12.80	13.15	10.73
1961	13.32	13.33	13.35	14.01	14.63	14.52	14.50	14.50	14.13	13.73	13.34	12.95	13.85
1962	12.75	12.89	13.68	14.10	14.35	14.35	14.35	14.35	14.35	15.65	16.44	16.67	14.49
1963	20.60	22.56	22.00	22.00	23.50	23.50	23.50	23.50	23.50	23.05	21.00	19.38	22.34
1964	19.00	19.00	18.50	17.35	15.50	13.40	11.38	11.00	11.00	11.00	11.00	11.00	14.09
						Corpus Christi							
1960	11.62	10.31	10.10	10.19	10.00	10.00	10.12	10.90	12.25	12.50	13.20	13.50	11.22
1961	13.90	14.00	14.00	14.19	14.75	14.75	14.75	14.75	14.65	14.30	13.92	13.50	14.29
1962	13.25	13.30	14.18	14.50	14.66	14.70	14.70	14.70	14.70	15.90	16.70	16.87	14.85
1963	20.82	23.00	22.20	22.20	23.17	23.50	23.50	23.50	23.50	23.10	21.12	19.38	22.42
1964	19.00	19.00	18.40	17.35	15.50	13.40	11.38	11.00	11.00	11.00	11.00	11.00	14.09
						El Paso							
1960	14.03	13.44	12.28	11.69	11.69	11.69	11.69	11.69	12.90	13.20	13.94	14.33	12.76
1961	14.78	14.90	14.90	14.90	15.26	15.20	14.90	14.90	14.90	14.42	14.30	13.70	14.75
1962	13.70	13.60	14.45	14.90	15.26	15.50	15.50	15.50	15.50	15.98	16.70	17.20	15.32
1963	18.40	19.60	19.60	20.44	21.47	22.05	22.68	23.10	23.10	23.10	22.20	21.05	21.40
1964	20.50	20.20	19.48	18.70	17.25	16.16	14.30	13.50	13.50	13.50	13.50	13.50	16.17

Phoenix 1/

1960 .....:	15.50	15.50	15.20	15.20	15.20	15.20	15.34	16.25	16.66	16.74	17.49	17.84	16.01
1961 .....:	18.30	18.42	18.42	18.42	18.79	18.71	18.42	18.42	18.40	17.92	17.80	17.22	18.27
1962 .....:	17.20	17.35	17.95	18.40	18.76	19.00	19.00	19.00	19.00	19.48	20.20	20.80	18.84
1963 .....:	21.94	23.10	23.10	23.90	25.00	25.55	26.24	26.60	26.60	26.60	25.70	24.60	24.91
1964 .....:	24.00	23.70	22.78	22.20	20.80	19.54	17.80	17.00	17.00	17.00	17.00	17.00	19.65

Mobile

1960 .....:	10.50	10.05	9.47	9.15	8.90	8.87	9.14	10.55	11.62	11.93	12.85	13.00	10.49
1961 .....:	13.50	13.50	13.50	13.80	14.60	14.70	14.70	14.70	14.56	13.70	12.97	12.85	13.92
1962 .....:	12.70	12.79	13.75	14.20	14.38	14.50	14.50	14.50	14.39	15.30	16.35	17.17	14.54
1963 .....:	21.08	23.00	22.00	21.95	22.75	23.00	23.00	23.00	22.70	22.50	20.83	18.95	22.06
1964 .....:	18.20	17.83	17.40	16.40	14.08	12.23	10.09	8.96	8.35	8.68	8.75	8.50	12.46

Florida

1960 .....:	11.75	11.75	11.53	11.43	11.35	11.35	11.41	11.87	12.13	12.49	13.32	13.76	12.01
1961 .....:	13.75	14.00	14.00	14.18	14.90	15.00	15.25	15.25	15.25	14.95	14.31	14.25	14.59
1962 .....:	14.00	14.00	14.36	14.66	14.77	14.85	14.85	14.85	14.85	15.22	16.06	16.75	14.93
1963 .....:	20.22	22.75	23.00	23.00	23.00	23.50	23.50	23.69	23.75	23.70	22.06	20.50	22.72
1964 .....:	19.15	18.81	18.30	17.19	14.88	13.20	10.69	8.81	8.75	8.75	8.75	8.80	13.00

Savannah, Ga.-Wilmington, N. C.

1960 .....:	12.55	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.94	13.50	13.50	13.80	12.96
1961 .....:	13.75	13.75	13.75	14.44	14.90	15.00	15.00	15.00	15.00	15.00	14.81	14.75	14.60
1962 .....:	14.75	14.94	15.44	15.63	15.75	15.75	15.75	15.75	15.75	16.00	16.94	18.50	15.91
1963 .....:	21.25	23.25	24.00	24.00	24.25	24.50	24.50	24.50	24.50	24.50	23.50	22.19	23.74
1964 .....:	21.19	20.69	19.81	18.54	16.41	14.07	11.88	10.63	10.25	10.25	10.25	10.16	14.51

Baltimore, Md.-Norfolk, Va.

1960 .....:	14.94	13.50	13.50	13.50	13.25	13.25	13.25	13.25	13.25	13.25	13.55	13.80	13.52
1961 .....:	15.65	15.75	15.75	15.75	15.75	15.50	15.50	15.50	15.50	15.50	15.50	15.33	15.58
1962 .....:	15.00	15.06	15.38	15.63	15.65	15.50	15.50	15.50	15.50	15.90	16.31	16.42	15.61
1963 .....:	20.80	22.25	22.00	22.00	22.75	22.75	22.80	23.00	23.00	23.00	21.25	20.13	22.14
1964 .....:	19.50	19.50	19.50	19.00	17.75	15.90	14.00	13.50	13.50	13.50	13.50	13.50	16.05

1/ Price basis: tank truck.

(Continued on next page)

Table 1 - (Continued).--Molasses, blackstrap: Prices by months, f.o.b. tank car, 1960-64

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
						--Cents per gallon--							
						Philadelphia							
1960	14.81	13.50	13.45	13.25	13.25	13.25	13.25	13.25	13.25	13.25	13.55	13.80	13.48
1961	14.75	14.75	14.75	15.19	15.50	15.50	15.50	15.50	15.50	15.40	15.25	15.17	15.23
1962	15.00	15.25	15.50	15.50	15.50	15.31	15.25	15.25	15.25	15.40	15.69	16.33	15.44
1963	20.80	21.94	21.63	21.41	22.10	22.25	22.35	22.55	22.71	22.95	21.25	20.13	21.84
1964	19.50	19.50	19.50	18.75	17.19	15.45	13.38	13.00	13.07	13.35	13.18	13.00	15.74
						New York							
1960	14.81	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.90	14.25	13.70
1961	15.50	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.73
1962	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.87	16.00	15.78
1963	20.80	22.13	22.00	22.00	22.75	22.75	22.80	23.00	23.00	23.00	21.25	20.13	22.13
1964	19.50	19.50	19.50	19.00	17.75	15.90	14.00	13.50	13.50	13.50	13.50	13.50	16.05
						Boston							
1960	15.88	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.40	14.75	14.25
1961	16.05	16.25	16.25	16.25	16.25	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.09
1962	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.31	16.83	16.09
1963	21.35	22.63	22.50	22.50	23.81	24.00	24.00	24.00	24.00	24.00	22.00	20.63	22.95
1964	20.00	20.00	20.00	19.50	18.25	16.40	14.50	14.00	14.00	14.00	14.00	14.00	16.55
						Albany							
1960	15.88	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.40	14.75	14.25
1961	16.05	16.25	16.12	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.04
1962	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.31	16.33	16.05
1963	21.35	22.63	22.50	22.50	23.81	24.00	24.00	24.00	24.00	24.00	22.00	20.63	22.95
1964	20.00	20.00	20.00	19.50	18.25	16.40	14.50	14.00	14.00	14.00	14.00	14.00	16.55

Buffalo

1960 .....:	19.78	17.90	17.90	16.78	16.40	16.40	16.40	16.40	16.40	16.40	16.80	17.40	17.08
1961 .....:	18.98	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.09
1962 .....:	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.31	19.48	19.15
1963 .....:	24.03	25.24	25.09	24.90	26.30	26.30	26.30	26.30	26.30	26.30	24.46	22.88	25.37
1964 .....:	22.30	22.30	22.30	21.80	20.55	18.70	16.80	16.30	16.30	16.30	16.30	16.02	18.83

Toledo

1961 .....:	-	-	-	-	-	-	-	-	19.60	19.60	19.10	19.10	19.35
1962 .....:	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.80	20.50	19.27
1963 .....:	24.41	26.64	26.63	26.74	28.10	28.10	28.10	28.10	28.10	28.10	27.35	25.60	27.16
1964 .....:	24.10	23.40	23.20	22.39	19.13	16.64	14.15	13.34	12.95	13.35	13.38	13.30	17.44

Cincinnati

1960 .....:	15.50	15.17	14.72	14.30	14.00	14.00	14.51	15.70	16.70	17.45	18.30	18.73	15.76
1961 .....:	18.73	18.73	18.73	19.50	20.06	20.23	20.23	20.23	19.77	18.92	18.05	17.90	19.24
1962 .....:	17.70	18.23	19.10	19.50	19.70	19.70	19.70	19.70	19.70	20.60	21.82	22.63	19.84
1963 .....:	25.88	27.48	27.20	27.20	26.60	26.00	26.22	26.40	26.40	26.32	25.35	24.00	26.25
1964 .....:	23.03	21.10	20.98	19.44	18.03	15.39	12.80	11.70	11.25	11.69	11.90	11.19	15.71

Minneapolis

1960 .....:	17.30	16.70	16.33	16.10	15.80	15.80	16.10	16.86	17.48	17.95	18.70	19.30	17.04
1961 .....:	19.30	19.30	19.30	19.90	20.50	20.50	20.50	20.50	20.50	20.14	19.45	19.30	19.93
1962 .....:	19.30	19.30	19.45	19.90	19.90	19.90	19.90	19.90	19.90	20.96	21.75	23.00	20.26
1963 .....:	26.72	29.20	30.40	28.90	28.65	28.90	28.90	28.90	28.90	28.90	28.30	26.75	28.62
1964 .....:	26.00	26.00	25.16	23.89	22.01	19.28	16.98	15.80	15.05	15.80	15.80	16.28	19.84

Chicago 1/

1960 .....:	14.60	14.00	13.90	13.30	12.77	12.49	12.64	13.87	14.69	15.69	16.60	16.95	14.29
1961 .....:	17.00	16.85	16.85	17.46	18.00	18.43	18.17	17.99	17.62	17.06	16.51	16.15	17.34
1962 .....:	16.04	16.64	17.05	17.30	17.89	17.84	17.80	17.80	17.88	18.70	20.62	21.85	18.12
1963 .....:	25.68	27.13	26.75	26.03	26.25	26.49	26.72	26.75	26.75	26.69	25.89	24.25	26.28
1964 .....:	23.03	22.44	22.01	20.94	18.90	16.72	14.58	13.28	12.85	13.60	13.50	13.20	17.09

1/ Price basis: February-March 1960 - barge and rail; May and June 1960 - average tank truck and tank car; July 1960-December 1964 - tank truck.

(Continued on next page)

Table 1 - (Continued).--Molasses, blackstrap: Prices by months, f.o.b. tank car, 1960-64

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
						--Cents per gallon--							
						St. Louis							
1960	14.10	13.65	13.22	12.85	12.64	12.70	13.03	14.50	15.03	15.95	16.80	17.20	14.31
1961	17.20	17.20	17.20	17.88	18.54	18.70	18.70	18.70	18.30	17.65	16.63	16.27	17.75
1962	16.20	16.53	17.45	17.78	18.00	18.00	18.00	18.00	18.00	19.00	20.12	21.40	18.21
1963	24.56	26.00	25.50	25.50	26.00	26.35	26.65	26.70	26.67	26.55	25.25	23.47	25.77
1964	21.93	21.55	21.30	19.96	18.21	15.40	13.50	12.86	12.33	12.91	12.90	12.75	16.30
						Kansas City							
1960	15.65	15.22	14.76	14.35	14.16	14.20	14.53	15.98	16.70	17.58	18.40	18.73	15.86
1961	18.70	18.70	18.70	19.55	20.20	20.30	20.30	20.23	19.78	18.84	18.23	17.80	19.28
1962	17.80	18.20	19.10	19.50	19.80	19.80	19.80	19.80	19.58	20.78	21.97	23.03	19.93
1963	26.13	27.44	27.30	27.30	28.24	28.30	28.30	28.30	28.30	28.04	26.05	24.42	27.34
1964	23.45	23.35	22.84	21.60	19.48	16.77	14.64	13.44	13.30	13.99	13.93	13.45	17.52
						Omaha							
1961	19.00	19.00	19.00	19.37	19.59	19.59	19.59	19.59	20.20	19.96	19.15	19.00	19.42
1962	19.00	19.15	19.30	19.30	19.30	19.30	19.30	19.30	19.30	19.98	21.90	23.10	19.85
1963	25.44	27.00	28.05	28.10	28.40	28.70	28.70	28.70	28.70	28.65	27.98	26.97	27.95
1964	26.90	26.15	24.74	23.25	21.70	17.99	15.25	14.69	14.38	14.79	14.71	14.30	19.07
						Memphis							
1960	13.65	13.02	12.72	12.43	12.08	12.15	12.61	13.76	14.78	15.45	16.40	16.75	13.82
1961	16.70	16.70	16.70	17.28	17.90	18.05	17.94	17.77	17.66	16.96	16.10	15.90	17.14
1962	15.77	16.22	17.01	17.35	17.58	17.65	17.50	17.50	17.50	18.40	19.75	20.67	17.74
1963	23.84	25.65	25.33	25.20	25.88	26.00	26.00	26.00	26.00	25.97	24.70	22.90	25.29
1964	21.85	21.50	21.00	19.90	18.05	15.94	14.00	12.53	11.85	12.63	12.66	12.55	16.21

Denver 1/

1960 .....:	18.25	17.80	17.40	17.38	17.31	17.30	17.30	19.20	19.13	18.25	18.46	19.50	18.11
1961 .....:	19.78	20.10	20.61	20.75	20.96	21.25	21.10	21.10	21.10	20.68	20.50	20.20	20.68
1962 .....:	20.20	20.54	21.07	21.30	21.60	21.90	21.90	21.90	21.90	22.38	23.10	23.75	21.79
1963 .....:	24.76	26.00	25.55	26.56	27.60	28.00	28.90	29.50	29.50	29.50	28.15	26.90	27.58
1964 .....:	26.30	26.00	25.28	24.50	23.00	21.38	19.09	18.41	18.31	18.60	18.54	18.32	21.48

Los Angeles

1960 .....:	11.70	11.70	11.40	11.40	11.40	11.40	11.55	12.48	12.90	13.20	13.94	14.30	12.28
1961 .....:	14.78	14.90	14.90	14.90	15.08	15.05	14.90	14.90	14.90	14.42	14.30	13.70	14.73
1962 .....:	13.70	13.85	14.45	14.90	15.26	15.50	15.50	15.50	15.50	15.98	16.70	17.20	15.34
1963 .....:	18.40	19.60	19.60	20.44	21.48	22.05	22.68	23.10	23.10	23.10	22.20	21.05	21.40
1964 1/ ....:	20.55	20.25	19.56	18.80	17.33	16.22	14.48	13.55	13.55	13.55	13.55	13.55	16.25

Richmond

1960 .....:	11.70	11.70	11.40	11.40	11.40	11.40	11.55	12.48	12.90	13.20	13.94	14.30	12.28
1961 .....:	14.78	14.90	14.90	14.90	15.25	15.20	14.90	14.90	14.90	14.42	14.30	13.80	14.76
1962 .....:	13.70	13.85	14.45	14.90	15.26	15.50	15.50	15.50	15.50	15.98	16.70	17.20	15.34
1963 .....:	18.40	19.60	19.60	20.44	21.48	22.05	22.68	23.10	23.10	23.10	22.20	21.05	21.40
1964 1/ ....:	20.55	20.25	19.56	18.80	17.33	16.22	14.40	13.55	13.55	13.55	13.55	13.55	16.25

Stockton

1960 .....:	11.70	11.70	11.40	11.40	11.40	11.40	11.55	12.48	12.90	13.20	13.94	14.30	12.28
1961 .....:	14.78	14.90	14.90	14.90	14.90	14.90	14.90	14.90	14.90	14.42	14.30	13.70	14.70
1962 .....:	13.70	13.88	14.40	15.00	15.33	15.55	15.55	15.55	15.55	16.03	17.20	17.60	15.44
1963 2/ ....:	18.47	19.65	19.65	20.43	21.56	22.15	22.76	23.15	23.15	23.15	22.30	21.12	21.46
1964 .....:	20.55	20.25	19.56	18.78	17.11	16.13	14.48	13.55	13.55	13.55	13.55	13.55	16.22

Portland, Ore.-Seattle, Wash.

1960 .....:	11.70	11.70	11.40	11.40	11.40	11.40	11.55	12.48	12.90	13.20	13.94	14.30	12.28
1961 .....:	14.78	14.90	14.90	14.90	15.26	15.20	14.90	14.90	14.90	14.42	14.30	13.70	14.75
1962 .....:	13.70	13.85	14.45	14.90	15.26	15.50	15.50	15.50	15.50	15.98	16.70	17.20	15.34
1963 .....:	18.40	19.60	19.60	20.44	21.48	22.05	22.68	23.10	23.10	23.10	22.20	21.05	21.40
1964 .....:	20.50	20.20	19.48	18.70	17.28	16.10	14.40	13.55	13.55	13.55	13.55	13.55	16.20

1/ Price basis: tank truck and tank car.
2/ Price basis: Beginning April 1963 - tank car and tank truck.

Table 2.--Molasses, beet: Prices by months, f.o.b. tank car, 1960-64

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	--Dollars per ton--												
	Denver												
1960	27.00	27.00	25.40	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	26.50	25.49
1961	27.00	28.16	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	27.93
1962	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	29.50	31.33	28.40
1963 1/	32.00	32.00	32.00	34.00	34.75	35.50	37.80	39.00	39.00	39.00	39.00	39.00	36.09
1964 1/	39.00	39.00	35.00	35.00	34.25	31.60	29.50	27.00	26.00	26.00	26.00	26.00	31.20
	Colorado, Wyoming and Montana (except Missoula)												
1960	30.50	30.50	29.30	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.50	27.00	28.78
1961	26.50	26.50	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	28.58
1962	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	31.00	29.17
1963 2/	31.00	31.00	31.00	31.00	31.00	31.00	31.00	33.00	35.00	38.20	39.00	39.00	33.43
1964	39.00	39.00	35.00	35.00	35.00	35.00	35.00	27.50	27.00	27.00	27.00	27.00	32.38
	Oregon, Utah, Idaho and Missoula, Montana												
1960	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00
1961	31.00	31.00	31.00	31.00	31.00	31.00	31.00	32.50	33.00	33.00	33.00	33.00	31.63
1962	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00
1963	33.00	33.00	33.00	33.00	33.00	33.00	33.00	34.50	36.00	38.00	38.00	38.00	34.62
1964	38.00	38.00	36.00	36.00	35.50	34.00	34.00	30.00	30.00	30.00	30.00	30.00	33.46
	Minneapolis												
1960	27.75	27.00	26.70	26.50	26.10	26.00	26.00	26.00	26.00	27.50	29.00	30.00	27.05
1961	30.10	30.00	30.00	30.50	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	30.72
1962	31.00	31.00	31.25	32.00	32.00	32.00	32.00	32.00	-	-	-	-	31.66
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-

1/ Price basis: tank truck and tank car.
2/ Price basis: April 9 through August 14 - tank truck.

Table 3.--Molasses, citrus and corn (hydrol): Prices by months, f.o.b. tank car, 1960-64

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
						--Dollars per ton--							
Citrus molasses													
						Florida Points							
1960	16.50	16.50	16.50	16.50	16.50	17.00	17.50	17.80	19.00	19.00	19.00	20.00	17.65
1961	21.00	19.66	19.50	19.62	20.10	20.50	20.50	20.50	20.00	20.00	20.00	20.00	20.12
1962	20.00	20.00	19.37	19.38	18.90	19.13	18.90	17.50	17.50	19.00	18.00	18.33	18.83
1963 1/	21.25	23.25	23.25	25.20	27.81	28.13	28.25	28.50	28.50	28.50	30.00	29.37	26.83
1964 1/	26.13	26.63	27.05	26.75	26.75	26.75	27.33	28.50	-	-	-	20.00	26.32
Corn (hydrol) molasses													
						Chicago							
1960	18.94	19.25	18.75	17.56	16.60	16.50	16.50	17.10	18.88	19.56	20.35	21.88	18.49
1961	22.85	23.08	23.50	24.00	24.65	25.44	26.88	27.00	26.50	25.30	24.75	24.25	24.85
1962	24.25	24.25	24.56	25.00	25.00	24.75	24.50	24.63	24.75	25.85	27.25	29.00	25.32
1963	32.40	36.38	36.38	35.10	34.25	34.75	35.20	37.50	37.87	38.60	37.63	35.69	35.98
1964	33.88	33.63	32.90	31.38	28.94	25.33	21.56	19.84	19.60	19.50	19.50	19.50	25.46
						Kansas City							
1960	20.13	20.50	19.90	19.31	18.45	18.00	18.00	18.60	19.75	21.37	22.60	25.25	20.16
1961	26.00	26.50	26.75	27.31	29.15	29.75	31.00	31.00	31.00	29.40	28.38	28.00	28.69
1962	27.50	27.12	27.88	28.25	28.50	28.50	28.10	27.50	27.50	28.50	30.25	31.83	28.45
1963	35.30	39.63	39.88	38.70	38.00	38.25	39.50	40.50	40.50	40.50	39.75	38.37	39.07
1964	37.25	36.50	35.50	33.75	31.50	27.50	23.50	21.25	21.30	21.75	21.75	21.00	27.71

1/ Nominal August through October.

Table 4.--Price comparisons between molasses and No. 2 yellow corn at New York, Chicago and Kansas City, 1955-64 1/

Year	New York			Chicago			Kansas City		
	Corn bu.	Molasses 6½ gal.	Difference	Corn bu.	Molasses 6½ gal.	Difference	Corn bu.	Molasses 6½ gal.	Difference
	--Cents--								
1955...	161.2	81.1	+80.1	141.4	98.5	+42.9	148.2	116.1	+32.1
1956...	169.8	109.5	+60.3	145.2	130.0	+15.2	149.7	136.4	+13.3
1957...	156.8	163.7	-6.9	129.2	199.3	-70.1	130.4	204.2	-73.8
1958...	156.3	115.0	+41.3	125.5	123.1	+2.4	120.0	127.4	-7.4
1959...	150.6	103.0	+47.6	122.5	107.1	+15.4	117.3	111.0	+6.3
1960...	143.8	89.0	+54.8	115.6	92.9	+22.7	113.6	103.1	+10.5
1961...	141.8	102.2	+39.6	113.1	112.7	+0.4	112.4	125.3	-12.9
1962...	142.0	102.6	+39.4	112.8	117.8	-5.0	115.0	129.5	-14.5
1963...	155.0	143.8	+11.2	126.0	170.8	-44.8	125.4	177.7	-52.3
1964...	151.3	104.3	+47.0	125.1	111.1	+14.0	127.5	113.9	+13.6

MOLASSES AND CORN PRICES

The cost relationship between corn and molasses was more favorable for molasses in 1964 than in 1963. In fact, this was the first time since 1960 that molasses occupied a better price position than corn. 1/

The cost of 6-1/2 gallons of molasses dropped 63.8 cents in Kansas City, 59.7 cents in Chicago, and 39.5 cents in New York during 1964. At the same time, the cost of a bushel of corn declined 3.7 cents in New York and nine-tenths of a cent in Chicago but edged up 2.1 cents in Kansas City.

As a result, molasses costs ran 47 cents below corn in New York, 14 cents lower in Chicago, and 13.6 cents under corn in Kansas City.

1/ A "rule of thumb" measure -- 6 1/2 gallons of molasses are about equivalent in carbohydrate value to one bushel of corn -- is widely used to compare the carbohydrate value of molasses and corn. This measure is based on experiments conducted to evaluate the energy produced from one bushel of corn and the amount of molasses required to produce the same amount of energy.

Table 5.--Molasses: Production, exports and shipments to the Continental United States from principal supplying areas, 1948-64

Year	Cuba		Puerto Rico			Hawaii		
	Production 1/	Exports to United States	Production	Shipments to United States	Exports to other countries	Production	Shipments to U. S. mainland	Exports to other countries
	--1,000 gallons--							
1948	332,000	139,258	54,800	44,811	4,441	43,515	44,271	-
1949	291,599	161,872	59,275	43,589	5,603	43,006	42,523	-
1950	262,365	186,784	49,522	31,224	6,658	41,381	41,076	355
1951	288,625	130,472	60,300	49,951	1,528	44,723	41,572	-
1952	397,900	186,676	69,800	52,252	4,021	44,041	37,942	505
1953	278,300	291,352	59,856	32,651	13,258	51,319	47,558	-
1954	367,754	202,940	61,600	37,558	7,923	51,759	46,530	-
1955	429,235	232,696	56,246	44,232	6,033	51,052	50,413	-
1956	324,460	232,329	56,899	34,726	6,765	52,644	49,401	1,916
1957	253,265	117,471	52,600	20,439	19,402	52,340	54,140	-
1958	310,600	188,428	56,800	26,611	10,157	52,768	43,974	4,642
1959	314,300	90,497	60,755	24,238	19,239	56,849	60,239	7,771
1960	287,206	228,643	58,474	30,289	15,162	50,817	49,692	-
1961	2/320,000	12,417	62,372	38,618	8,224	56,423	50,653	-
1962	2/210,000	3	56,200	27,471	13,014	57,372	54,911	-
1963	2/180,000	0	61,548	16,590	15,923	55,373	51,563	-
1964	2/174,300	0	2/64,500	2/18,000	20,144	57,688	52,638	-

1/ Includes 131.7 million gallons of high-test molasses in 1954, 231.5 million in 1955, 111.4 million in 1956, 79.6 million in 1958, 4.8 million each in 1959 and 1960, and an estimated 2 million in 1961.

2/ Estimated.

Source: Bureau of the Census, Cuban Sugar Stabilization Institute, Association of Sugar Producers of Puerto Rico, California and Hawaiian Sugar Corporation, Ltd., and the Hawaiian Sugar Planters Association.

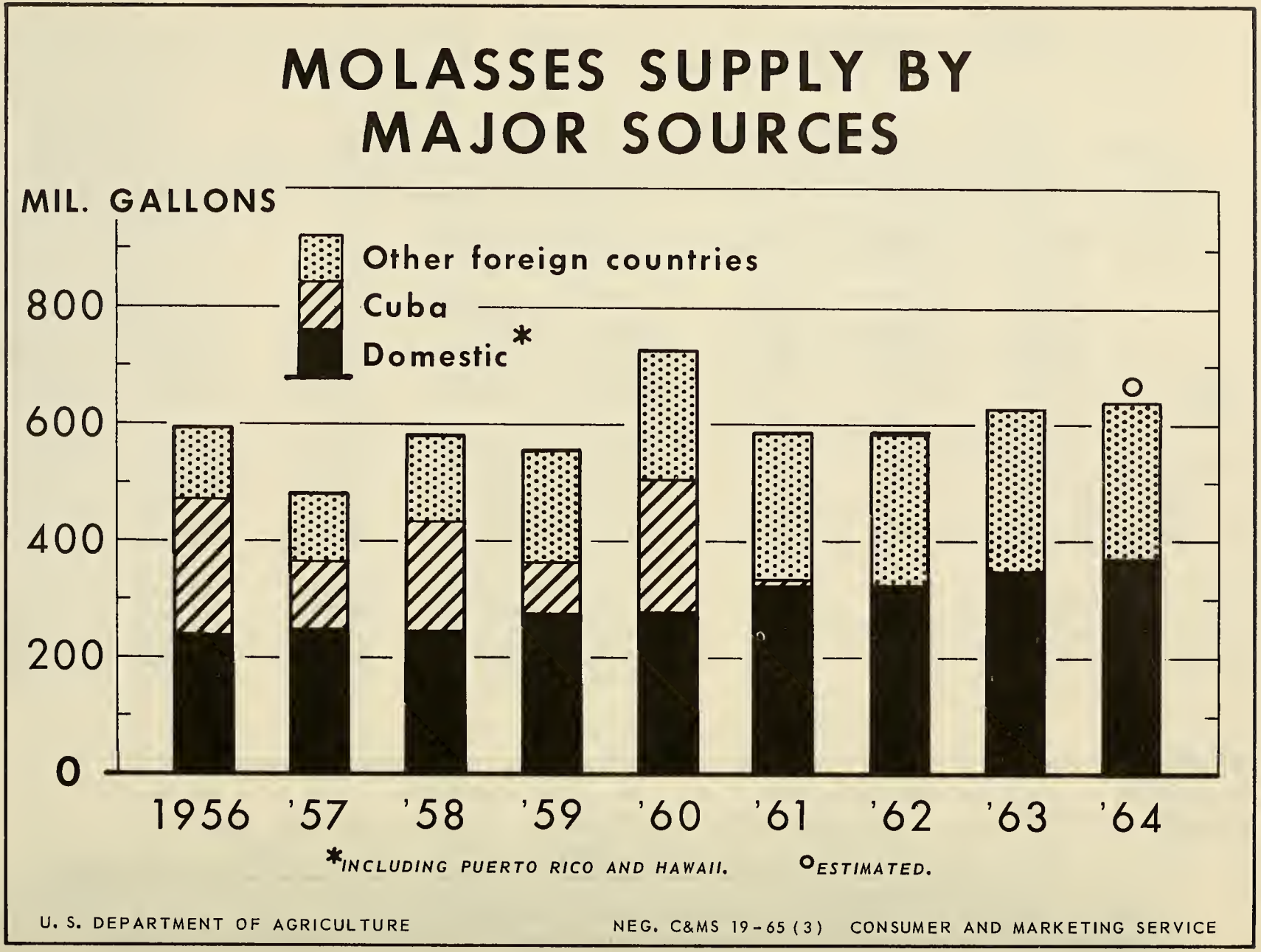

MOLASSES SUPPLY BY MAJOR SOURCES
MIL. GALLONS
800
600
400
200
0
Other foreign countries
Cuba
Domestic*
1956
'57
'58
'59
'60
'61
'62
'63
'64
*INCLUDING PUERTO RICO AND HAWAII.
oESTIMATED.
U. S. DEPARTMENT OF AGRICULTURE
NEG. C&MS 19-65 (3) CONSUMER AND MARKETING SERVICE

FIGURE 2

SUPPLIES

An estimated 635 million gallons of molasses were available for feed and industrial use in the Continental United States during 1964. This was nearly 15 million gallons, or about 2½ percent, more than the previous year's supply. It was exceeded only by the record 722-million-gallon supply in 1960 and the 648 million gallons available in 1953. Cane and hydrol molasses production stood at record levels, and output of beet molasses was about on a par with 1963's outturn. Mainland production comprised a larger percentage of the total supply than imports for the second consecutive year.

Domestic Supplies

Domestic sources provided a record 373 million gallons of molasses in 1964. This was around 18 million gallons, or 5 percent, more than the previous year. Of the 373-million-gallon domestic supply, almost 302 million gallons came from mainland production. Another 71 million gallons were shipped to the mainland from Hawaii and Puerto Rico.

Production of cane molasses by mainland sugar mills in 1964 was estimated at a record 106 million gallons -- 18 percent more than 1963's output. This reflected the increase in sugarcane production, especially in Florida. Beet molasses production was estimated at 116 million gallons, or about the same as the previous year's record outturn. Production of refiners' blackstrap molasses totaled around 45 million gallons, or about 2 million gallons less than the previous year. With the smaller citrus crop in Florida, production of citrus molasses dropped to about 4½ million gallons -- the smallest since 1945. Hydrol molasses production, on the other hand, rose to a record 30 million gallons, or about 2 million gallons more than in 1963.

Molasses production in Hawaii during 1964 totaled a record-breaking 57.7 million gallons -- about 2.3 million gallons more than the year before. This reflected the record sugarcane crop in Hawaii. Molasses shipments from Hawaii to the mainland amounted to 53 million gallons or about 1 million gallons more than 1963 shipments. Hawaii for the fifth consecutive year did not export any molasses to foreign countries.

Production of molasses in Puerto Rico reached an estimated 64½ million gallons -- the most for any year since 1952. While shipments of around 18 million gallons to the United States mainland were only about one and a half million gallons larger than the previous year, exports of some 20 million gallons to foreign countries ran about 4 million gallons more than a year earlier.

Imports

About 266 million gallons of molasses were imported into the Continental United States from foreign countries during 1964. This was about 4 million gallons less than in 1963.

Imports of about 86 million gallons of molasses from Mexico and some 33 million gallons from the Dominican Republic were 7 and 10 million gallons, respectively, lower than in 1963. Imports from Mexico, however, were still the second largest on record, being exceeded only by 1963's shipments of about

Table 6.--Feed and industrial molasses: Mainland production, inshipments, imports, and exports, 1953-64

Year	Mainland production						Offshore shipments to the mainland		
	Cane	Beet 1/	Refiners' blackstrap	Citrus	Hydrol 2/	Total	Hawaii	Puerto Rico	Total
	--1,000 gallons--								
1953	48,682	47,628	36,123	7,382	18,792	158,607	47,558	32,651	80,209
1954	46,050	52,351	31,836	8,804	17,873	156,914	46,530	37,558	84,088
1955	49,187	52,061	32,954	8,422	15,502	158,126	50,413	44,232	94,645
1956	38,067	51,955	40,303	7,878	16,851	155,054	49,401	34,726	84,127
1957	42,532	63,171	39,370	10,474	16,249	171,796	54,140	20,439	74,579
1958	40,300	67,324	40,012	6,328	20,336	174,300	43,974	26,611	70,585
1959	42,826	76,920	40,333	7,669	21,494	189,242	60,239	24,238	84,477
1960	46,686	79,079	40,686	5,155	23,324	194,930	49,692	30,289	79,981
1961	60,075	98,211	45,812	5,949	23,153	233,200	50,653	38,618	89,271
1962	65,274	96,643	47,132	9,581	23,595	242,225	54,911	27,471	82,382
1963	89,876	3/116,000	47,605	5,396	27,939	286,816	51,563	16,590	68,153
1964	106,000	116,000	45,402	4,469	29,992	301,863	52,653	18,000	70,653

Year	U. S. imports					Mainland exports 4/	Available supplies
	Cuba	Dominican Republic	Mexico	Other	Total		
	--1,000 gallons--						
1953	291,352	26,199	31,829	61,385	410,765	1,563	648,018
1954	202,940	23,516	37,810	76,142	340,408	4,843	576,567
1955	232,696	34,573	43,277	67,266	377,812	4,863	625,720
1956	232,329	31,652	29,820	58,288	352,089	879	590,391
1957	117,471	21,789	40,059	52,217	231,536	2,545	475,366
1958	188,428	24,761	46,539	74,580	334,308	2,166	577,027
1959	90,497	47,426	61,651	82,563	282,137	2,372	553,484
1960	228,643	62,281	75,635	83,087	449,646	3,032	721,525
1961	12,417	53,834	70,807	123,437	260,495	2,220	580,746
1962	3	51,705	63,987	148,368	264,063	2,265	586,405
1963	-	42,926	93,175	134,322	270,423	5,475	619,917
1964	-	32,591	86,404	147,426	266,421	4,339	634,598

1/ Year harvested basis.
2/ Prior to 1955 estimated by multiplying total domestic dextrose sales and exports by a constant, assuming 2.58 gallons of hydrol per 100 pounds of dextrose.
3/ Estimated.
4/ Do not include exports from Hawaii and Puerto Rico.

Source: Agricultural Stabilization and Conservation Service, Bureau of the Census, Florida Citrus Processors Association, Hawaiian Sugar Planters Association, and Price-Waterhouse and Company.

93 million gallons. These two countries provided about 45 percent of our total imports and remained the United States' largest suppliers of foreign molasses.

Imports from other foreign countries in 1964 showed a somewhat different pattern from those of other recent years. Such normally heavy suppliers as Ecuador, the French West Indies, Nicaragua, the Republic of South Africa, and Trinidad and Tobago shipped less molasses to the United States than they did in 1963. Imports from more recent suppliers such as Brazil, El Salvador, India, and Venezuela and such regular suppliers as the Netherlands and British Guiana also declined. In fact, no molasses were shipped to the United States from Brazil, India, The Netherlands, and Venezuela in 1964.

On the other hand, imports from such regular molasses suppliers as Barbados, France, Haiti, Jamaica, Mauritius, and the Philippines increased substantially in 1964. And, Australia who supplied molasses to the United States for the first time in 1963 shipped considerably more molasses to this country in 1964. Austria, Belgium and Luxembourg, Denmark, Guatemala, Honduras, Iran, Japan, Kenya, and Panama supplied molasses to the United States for the first time in at least five years.

About 56 percent of the molasses imported into the United States during 1964 came in through three customs districts -- New York, New Orleans, and Galveston. While imports through New York and Galveston increased about 21 and 11 percent, respectively, the quantity of molasses imported through the New Orleans custom district was down 19 percent in 1964. The most noticeable increases, however, were in the Los Angeles and San Francisco districts. Los Angeles imported about a third more molasses in 1964 than in 1963, while more than twice as much came in through San Francisco. More molasses also came into the country through the Massachusetts, Philadelphia, North Carolina, and Sabine districts, but considerably less was imported through the Connecticut, Buffalo, Maryland, Georgia, and Mobile customs districts. Over a million gallons were imported through the Pittsburg district. This was the first time molasses were imported through that district.

Exports

Some 24 million gallons of molasses were exported from the United States during 1964, or about 3 million gallons more than the year before. The largest part of this 24 million gallons -- over 20 million gallons -- was exported as usual directly from Puerto Rico. Only a little more than 4 million gallons were shipped overseas from the mainland. Most of this was exported from Florida and Washington customs districts.

Ninety-five percent of the molasses exported from the United States in 1964 went to three countries -- Canada, the Netherlands, and the United Kingdom. A much larger percentage of U. S. molasses exports went to Canada and The Netherlands than in 1963. However, exports to the United Kingdom -- traditionally our largest customer -- dropped off sharply. Takings by Belgium and Luxembourg, Ireland, and West Germany, who took rather substantial quantities the previous year, were either nil or insignificant in 1964.

Table 7.--Molasses, inedible: U. S. imports by country of origin, 1960-64

Country of origin	1964	1963	1962	1961	1960
	--1,000 gallons--				
Australia	9,932	1,767	-	-	-
Austria	700	-	-	-	-
Barbados	4,926	4,398	5,532	2,331	4,523
Belgium & Luxembourg	754	-	-	-	-
Brazil	-	1,833	-	-	-
British Guiana	3,333	3,570	7,501	3,045	289
British Honduras	819	390	391	214	771
Canada	1,642	2,256	549	722	1,534
Cuba	-	-	3	12,417	228,643
Denmark	2,164	-	-	-	-
Dominican Republic	32,591	42,926	51,705	53,834	62,281
Ecuador	2,270	6,813	4,010	1,232	2,106
El Salvador	953	1,286	-	-	-
France	10,524	9,390	9,319	23,927	5,244
French West Indies	3,813	6,511	8,053	8,805	4,568
Guatemala	1,268	-	-	-	-
Haiti	5,375	3,530	4,176	5,394	2,942
Honduras	1,624	-	-	-	-
India	-	1,426	4,518	-	-
Indonesia	-	-	-	4,065	2,276
Iran	1,833	-	-	-	-
Jamaica	24,132	17,317	21,753	17,313	22,335
Japan	502	-	-	-	-
Kenya	2,594	-	-	-	-
Leeward & Windward Is.	-	-	-	1,165	442
Malagasy Republic	-	-	1,613	1,564	-
Mauritius	11,919	7,567	13,353	7,476	-
Mexico	86,404	93,175	63,987	70,807	75,635
Mozabar	2,203	2,008	-	-	-
Netherlands	-	593	2,211	4,486	2,360
Nicaragua	1,920	4,517	3,172	1,704	2,075
Pakistan	1,886	-	1,774	-	-
Panama	2,353	-	-	-	-
Peru	12,934	21,243	19,228	9,201	5,629
Philippines	19,343	11,858	15,625	7,165	6,406
Poland	-	-	-	-	978
Rep. of South Africa	4,109	1/15,886	5,350	5,935	-
Rumania	-	-	-	8,886	4,660
Taiwan (Formosa)	2,893	-	719	590	5,674
Trinidad & Tobago	8,708	9,188	10,988	6,395	2,690
Turkey	-	-	-	-	5,585
UAR (Egypt)	-	-	8,533	1,822	-
United Kingdom	-	103	-	-	-
Venezuela	-	872	-	-	-
Total	266,421	1/270,423	264,063	260,495	449,646

1/ Revised.

Source: Bureau of the Census

Table 8.--Molasses, inedible: U. S. imports by customs districts, 1960-64

Customs districts	1964	1963	1962	1961	1960
	--1,000 gallons--				
Arizona	3,473	3,381	3,751	3,660	5,567
Buffalo	2,712	3,493	4,100	2,045	6,204
Chicago	9	-	-	-	-
Connecticut	2,654	6,402	3,779	14,683	12,582
Dakota	285	817	7	-	155
Duluth & Superior	-	208	-	-	-
El Paso	7,390	7,173	7,165	6,479	6,817
Florida	723	3,423	3,804	7,401	7,172
Galveston	39,977	1/35,863	35,140	26,743	33,211
Georgia	3,073	3,365	-	1,264	3,180
Laredo	-	79	102	1,427	2,272
Los Angeles	25,221	18,936	18,632	22,720	26,553
Maine & New Hampshire	345	406	133	75	35
Maryland	12,513	19,361	14,659	14,260	15,813
Massachusetts	4,154	2,617	3,474	2,309	4,788
Michigan	19	19	206	-	-
Mobile	5,053	9,193	8,405	5,580	16,204
Montana & Idaho	-	-	10	-	2
New Orleans	57,099	70,885	70,344	54,895	115,918
New York	52,231	43,045	54,680	66,606	57,282
North Carolina	4,313	3,460	2,749	4,716	4,212
Ohio	-	5,493	3,410	6,260	3,827
Oregon	-	-	-	-	34
Philadelphia	11,811	10,316	7,658	5,539	111,702
Pittsburg	1,285	-	-	-	-
St. Lawrence	-	-	-	-	549
Sabine	2,071	1,582	2,168	1,951	1,841
San Diego	5,996	6,624	4,655	-	-
San Francisco	19,998	8,919	11,579	7,852	10,360
Vermont	838	466	45	-	7
Virginia	3,178	4,897	3,408	4,030	3,359
Total	266,421	1/270,423	264,063	260,495	449,646

1/ Revised.

Source: Bureau of the Census

Table 9.--Molasses, inedible: U. S. exports by country of destination, 1960-64 1/

Country of destination	1964	1963	1962	1961	1960
	--1,000 gallons--				
Belgium & Luxembourg	-	2,411	-	-	-
Canada	9,189	3,726	6,939	4,440	3,050
France	-	-	-	4	-
Iceland	122	149	170	30	-
India	203	118	-	1	-
Ireland	-	760	3	4	-
Israel	183	-	-	-	-
Japan	623	813	1	-	-
Mexico	42	4	48	28	4
Netherlands	7,316	2,384	7,489	-	3,411
Rep. of South Africa	3	34	47	-	-
Saudi Arabia	5	-	-	6	-
United Kingdom	6,777	8,886	575	5,916	11,729
West Germany	10	2,102	-	-	-
Other	9	11	7	15	-
Total	24,482	21,398	15,279	10,444	18,194

1/ Includes exports from Hawaii and Puerto Rico.
Source: Bureau of the Census

Table 10.--Molasses, inedible: U. S. exports by customs districts, 1960-64

Customs districts	1964	1963	1962	1961	1960
	--1,000 gallons--				
Buffalo	85	-	12	79	3
Dakota	-	-	3	-	12
Florida	1,472	-	-	-	561
Laredo	-	1	12	19	-
Massachusetts	74	145	-	-	-
Michigan	95	99	168	232	74
Montana and Idaho	-	-	7	48	110
New Orleans	183	-	-	-	-
New York	221	169	222	58	-
Philadelphia	49	-	-	-	-
Puerto Rico	20,144	15,923	13,014	8,224	15,162
St. Lawrence	19	-	-	33	7
San Diego	348	3,140	36	3	4
San Francisco	326	188	1	-	-
Washington	1,466	1,729	1,798	1,740	2,261
Other	-	4	6	8	-
Total	24,482	21,398	15,279	10,444	18,194

Source: Bureau of the Census

Table 11.--Molasses: Estimated utilization, United States, 1953-64

Year	Industrial				Mixed feeds, direct feeding and silage 2/	Total utilization
	Distilled spirits 1/	Yeast, citric acid and vinegar	Pharmaceuticals and edible molasses	Total		
	--Million gallons--					
1953	208.4	55.0	8.0	271.4	376.6	648.0
1954	87.8	60.0	10.0	157.8	418.8	576.6
1955	121.3	65.0	12.0	198.3	427.4	625.7
1956	111.9	70.0	14.0	195.9	394.5	590.4
1957	59.2	70.0	14.0	143.2	332.2	475.4
1958	61.7	70.0	15.0	146.7	430.3	577.0
1959	35.3	71.0	15.0	121.3	432.2	553.5
1960	69.0	74.0	3/ 37.0	180.0	541.5	721.5
1961	8.5	70.4	47.1	126.0	454.7	580.7
1962	5.7	79.8	38.7	124.2	462.2	586.4
1963	5.0	4/ 85.0	4/ 40.0	130.0	4/ 489.9	619.9
1964 5/	6.2	90.0	47.0	143.2	491.4	634.6

1/ Includes molasses used in making ethyl alcohol, butyl and acetone prior to 1959.

2/ Molasses utilized in feeds is a residual item, calculated by subtracting molasses used industrially from total mainland supplies without considering changes in stocks.

3/ Pharmaceutical utilization not considered prior to 1960.

4/ Revised.

5/ Estimated.

UTILIZATION

An estimated 635 million gallons of molasses were available for feed and industrial use in the United States during 1964. This was nearly 15 million gallons more than the previous year and the second largest on record. Actual usage was difficult to determine due to the lack of accurate stocks and utilization data. Consequently, industrial and feed usage figures in the above table are based on best estimates available and may vary from actual usage.

Molasses used in the production of distilled spirits in the Continental United States during 1964 totaled 6.2 million gallons -- 1.2 million gallons more than the quantity used for this purpose in 1963.

Trade estimates indicate that about 90 million gallons of molasses, or 5 percent more than in 1963, were used in the manufacture of yeast, citric acid, and vinegar. Manufacturers of pharmaceuticals and edible molasses used 47 million gallons, or 17 percent more than the year before.

Based on the foregoing utilization estimates and not taking into account any changes in molasses stocks, about 491 million gallons of molasses were available for use in mixed feeds and livestock feeding. This was about 2 million gallons more than the previous year.

UNITED STATES DEPARTMENT OF AGRICULTURE
Consumer and Marketing Service
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